What is claimed is:

1. A loading apparatus, comprising:

a main frame supported by a plurality of wheels;

a lifting frame pivotally attached to said main frame, said lifting frame including a lever arm and a pair of spaced-apart lifting arms operably connected thereto;

a support rack attached to said lifting arms, said support rack comprising a pair of spaced-apart rack members, said rack members being configured to support a spool; and

a connecting device for connecting said lifting frame to the main frame to prevent pivoting movement of said lifting frame,

wherein the rear of said loading apparatus is open to afford the loading, transporting, and unloading of spools.

2. The loading system according to claim 1, further comprising at least one jack stand attached to said main frame for stabilizing said loading apparatus when not connected to a towing vehicle.

3. The loading system according to claim 1, wherein said main frame includes a tongue with a hitch mounted at the front of said tongue for

towing said loading apparatus.

4. The loading system according to claim 1, wherein said connecting device comprises a U-shaped yoke fastened to a vertical support member extending upwardly from said main frame, and a pin for interconnecting said U-shaped yoke to said lifting arm.

5. The loading system according to claim 1, wherein said main frame including a tongue and a pair of spaced-apart support arms operably connected thereto.

6. The loading system according to claim 5, wherein each of said support arms includes a pair of fulcrum arms extending upwardly diagonally therefrom.

7. The loading system according to claim 6, further comprising a trapezoidal plate joining upper ends of said fulcrum arms, wherein said fulcrum arms form a triangle wherein two bottom corners of said triangle are fastened to the trailer and said trapezoidal plate is at an apex of said triangle.

8. The loading system of claim 7, wherein said trapezoidal plates have holes drilled, cast, cut or stamped in them to accommodate a pin and to function as a fulcrum.

9. The loading system of claim 1, wherein each of said rack members includes a plurality of U-shaped pockets at various heights along said rack members, the pockets forming a resting and securing place for ends of spindles upon which spools are positioned.

10. The loading system of claim 9, wherein said pockets are of a plurality of sizes to accommodate various spool and spindle diameters.

11. The loading system of claim 1, wherein a spool may be secured in position on a spindle using locking and centering collars or lynch pins on both sides of the spool.

12. The loading system of claim 1, wherein each of said rack members includes a locking device and a securing rack for holding the spindles in said pockets.

13. The loading system of claim 12, wherein said securing rack is kept in position by the locking device which is spring loaded to hold it in a desired position, either locking, engaged, unlocked, or disengaged.

14. The loading system of claim 3, wherein said main frame includes a horizontal lateral cross member interconnecting forward ends of said main frame arms and to which a rearward end of said tongue is attached.

15. The loading system of claim 1, wherein said lifting frame includes a horizontal lateral cross member interconnecting forward ends of said lifting arms and to which a rearward end of said lever arm is attached.

16. The loading system according to claim 1, wherein the loading system is adapted to carry bales, the bales being held in place by bale penetrating bars.

17. The loading system according to claim 16, wherein said bars are supports by the pockets in the rack members.

18. The loading system according to claim 1, wherein the loading system is adapted to carry bales, the bales being held in place by bale engaging and holding members, which are rotatably mounted on the spindle bars and are held in place by the spindle collars.

19. The loading system according to claim 18, wherein the engaging and holding members are rotatable over the spindle bars allowing the bale to unroll.

20. The loading system according to claim 18, further comprising a mounting plate having a plurality of penetrating prongs which engage the bale, the mounting plate being rotatably positioned on the spindle bars and held in place by the collars, said prongs being directed laterally into the bale.